

# Lassa Virus in Pygmy Mice, Benin, West Africa, 2016–2017

## Appendix

**Appendix Table 1.** Small mammals captured in 6 villages in Tchaourou commune, Benin, West Africa\*

| Species                        | Worogui | Kassouala | Kadjola | Yambouan | Gango | Odo-Akaba | Total |
|--------------------------------|---------|-----------|---------|----------|-------|-----------|-------|
| <i>Crocidura spp</i>           | 1/6     | 1/4       | 0/2     | 0/3      | 1/4   | 1/3       | 26    |
| <i>Lemniscomys striatus</i>    | 0/3     |           |         | 0/3      |       | 0/4       | 10    |
| <i>Mastomys natalensis</i>     | 0/3     |           |         | 3/0      |       |           | 6     |
| <i>Mus (Nannomys) baoulei</i>  | 0/2     |           |         |          |       | 0/12      | 14    |
| <i>Mus (Nannomys) mattheyi</i> | 1/2     | 0/1       |         | 2/1      |       |           | 7     |
| <i>Praomys daltoni</i>         | 41/0    | 62/4      | 29/6    | 3/2      | 41/2  | 20/0      | 210   |
| <i>Rattus rattus</i>           | 0/1     | 3/0       | 1/0     | 2/0      | 0/1   | 4/0       | 12    |
| Total                          | 60      | 75        | 38      | 19       | 49    | 44        | 285   |

\*Numbers of captures are presented by habitat (inside/outside). Worogui: 8°53'2.21"N, 2°40'18.57"E, Kassouala: 8°52'28.78"N, 2°45'9.88"E, Kadjola: 8°54'44.07"N, 2°43'11.95"E, Yambouan: 8°58'25.84"N, 2°45'2.68"E, Gango: 8°58'18.90"N, 2°41'47.27"E, Odo-akaba: 8°46'24.07"N, 2°36'10.29"E.

**Appendix Table 2.** Primers used in study of Lassa Virus in pygmy mice, Benin, West Africa, 2016–2017

| Label        | Oligosequence, 5'→3'                    | Target gene  | Reference  |
|--------------|---|--------------|------------|
| LVS36+       | ACC GGG GAT CCT AGG CAT TT              | GP           | (1)        |
| LVS 339-     | GTT CTT TGT GCA GGA MAG GGG CAT KGT CAT | GP           | (1)        |
| LVS 732+     | CCARAACACCACCTGGGAAGATCAYTG             | GP           | (2)        |
| OWS 1000-    | AGCATGTCACAGAACATCYTCATCATG             | GP           | (3)        |
| LVS 1474-    | ATGCCCATGTRTTSAGYCTRTG                  | GP           | (2)        |
| LVS 1607+    | GGTGTTGATGTTCTAAASACC                   | NP           | (4)        |
| LVS 1673+    | CCCGACACTGCTGCATCAAACATG                | NP           | this study |
| OWS 2120+    | GGTCTCCCTTCAATGTCMATCCA                 | NP           | (3)        |
| LVSnig 2511- | TGTTGGAGACCATCAAGGTT                    | NP           | this study |
| LVSnig 2541- | CTGGAGCCTGTATGCTTGAT                    | NP           | this study |
| LVS 2656a+   | GTTGGGGTACTTTGCTGTGTA                   | NP           | this study |
| OWS 2840b-   | AAYAAYCAGTTGGACNATGCC                   | NP           | (3)        |
| OWS 3400-    | GCGCACAGTGGATCCTAGGC                    | NP           | (3)        |
| LVL 3359D Y+ | AGAACATCGTAAAGGGAAAGCAAYTC              | L            | (5)        |
| LVL 3359G Y+ | AGAATTAGTGAAAGGGAGAGTAAYTC              | L            | (5)        |
| LVL 3754A R- | CACATCATTGGTCCCCATTACTATGRTC            | L            | (5)        |
| LVL 3754D R- | CACATCATTGGTCCCCATTACTGTGRTC            | L            | (5)        |
| L7           | ACC AAT GAC ATG AAA AAT CAT CGT T       | Cytochrome b | (6)        |
| H15915       | TCT CCA TTT CTG GTT TAC AAG AC          | Cytochrome b | (6)        |
| F-49         | CAT TCA TTG ACC TAC CTG CT              | Cytochrome b | (7)        |
| R-505        | AGA ATC CCC CTC AAA TTC AC              | Cytochrome b | (7)        |
| F-607        | CGG GCT CTA ATA ACC CAA CG              | Cytochrome b | (7)        |
| R-813        | TTC TGG TTT GAT ATG GGG AGG T           | Cytochrome b | (7)        |

\*GP, glycoprotein; L, large RNA segment; NP, nucleoprotein.

## References

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